

tree care

Staking: Staking is not always necessary when planting a young tree. When considering to stake a tree keep these things in mind:

- Always remove the nursery stake that is supplied with the tree.
- Staking is appropriate in a very windy area or if the tree is being planted on a steep slope.
- Stakes should be used for weeks, not months, and should never be left up more than a year.
- Stakes should be tied where the trunk first starts to bend, usually 1/2 to 2/3 the way up.
- Not staking a tree will allow the tree to grow with thicker and stronger bark and stem.

pruning

- Know the best time of year to prune your tree. Poorly timed pruning usually means the tree will not heal properly.
- Prune only dead and broken branches at time of planting.
- Remove dead branches at any time of the year.
- Light pruning can be done mid-summer when trees are in full leaf.
- Never remove more than 1/3 of the wood of a tree in one growing season.
- Pruning when trees are dormant stimulates a vigorous burst of growth in the spring.

watering

Finding the correct schedule for watering can be tricky and requires good observation. When trying to find the best watering schedule for a tree consider the following:

- Newly planted trees need more frequent watering than established trees.
- Trees respond best to long deep watering to wet the entire root zone. Infrequent, long soaks are best.
- There should be enough time between watering to allow the soil to dry out so that the tree's roots can breathe.

contact information

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www.lasvegasnevada.gov/Planning

www.lasvegasnevada.gov/sustaininglasvegas

for additional care information

Las Vegas Springs Preserve

333 S. Valley View Blvd.

Las Vegas, NV 89107

Phone: (702) 822-7700

www.springspreserve.org

Southern Nevada Arborist Group

PMB 109

2375 E. Tropicana Ave.

Las Vegas, NV 89119

www.lvsnag.org

about the grant

Funding for this project was provided by the American Recovery and Reinvestment Act of 2009. USDA is working to implement provisions of the American Recovery and Reinvestment Act of 2009 (Recovery Act) to put Americans back to work and rejuvenate the nation's economy. The recovery act provided USDA with nearly \$28 billion in funding, of that, \$1.15 billion has been allocated to the Forest Service for project work in forest restoration, hazardous fuels reduction, construction and maintenance of facilities, trails and roads, green energy projects and grants to states, tribes and private landowners.



City of Las Vegas

evergreen avenue



STREET TREE PLANTING project



AN EVENT TO PROVIDE 75 NEIGHBORHOOD STREET TREES

The trees for this project have been awarded by the Nevada Division of Forestry in cooperation with the U.S. Forest Service. The funding for this project is 2009 ARRA Clark County Urban Forestry Revitalization funding (WFM-0460-31HFE) for Urban Forestry Revitalization in Clark County through the USDA Forest Service.

purpose of the project

- Create a memorable, walkable shaded streetscape within an existing neighborhood.
- Act as a catalyst for the community.
- Promote property investment.
- Provide a positive effect on property values.
- Preserve the integrity of the Charleston Heights Neighborhood.

overview

- 75 trees to be planted through a community volunteer event.
- All trees drought-tolerant.
- Residents to maintain trees.
- Identical to planting and maintenance programs instituted across the west.
- The provision of street trees will help re-establish the neighborhood tree canopy.
- Trees will reach maturity in approx. 20 years.
- Will meet the goal of the Urban Forestry Resolution (R-26-08) of doubling the average tree canopy to 20 percent by 2035.

benefits from trees

Planting street trees in a neighborhood can have several different benefits for a community. These benefits include:

- The placement of street trees can reduce surrounding temperatures by as much as five degrees.
- Trees reduce energy costs to cool a home by up to 40 percent and provide natural cooling and shading.
- Trees add value to homes; a recent study shows that street trees add as much as \$7,000 to home value.
- Tree roots help clean rain water and add stability to the soil.
- Trees provide a natural habitat for wildlife.
- Street trees frame roadways creating a defined edge, helping motorists guide their movement and assess speed, leading to overall speed reductions.
- Trees add beauty and grace to the community.

evergreen avenue street trees

Chaste Tree:

Vitex agnus-castus

Height: 25'
Spread: 25'
Growth rate: Slow
Water use: Moderate
Deciduous

Recognized by its long narrow spikes of purple flowers which bloom in the summer, the Chaste Tree grows in full sun to partial shade and is drought tolerant, requiring water two to three times per month in the summer and monthly deep irrigation throughout the remainder of the year. Reaching a maximum height of 25 feet, the Chaste Tree should be pruned in early spring.

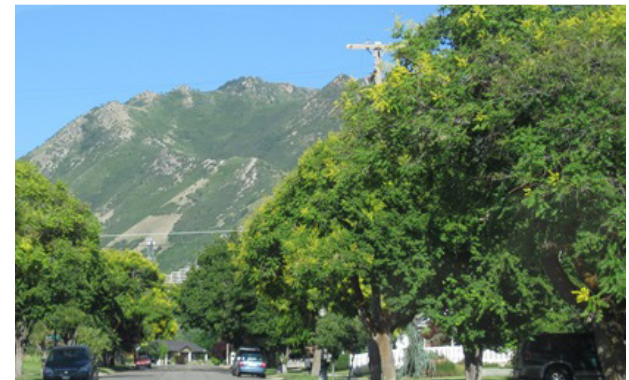


Goldenrain Tree:

Koeleruteria paniculata

Height: 30'
Spread: 30'
Growth rate: Moderate
Water use: Moderate
Deciduous

Selected to define intersections along Evergreen Avenue, the Goldenrain Tree has bright, ferny leaves which may turn yellow to gold in the fall. Produces showy yellow flowers in the summer. Filtered shade allows for growth of plant material beneath. Water use is moderate, requiring water once every five days in the summer, once every seven to ten days in the fall and spring and about every twenty days in the winter.



Evergreen Avenue Tree Planting Plan

